

WHAT IS CLAIMED IS:

1. A multiple control system for controlling a display unit provided in a composite electronic apparatus having a plurality of electronic devices incorporated therein, the multiple control system  
5 comprising:

a display driver adapted to drive the display unit;

a first controller adapted to control one of the electronic devices and having a output selection terminal and a three-state output terminal connected to the display driver via a serial communication  
10 line; and

a second controller adapted to control another electronic device and having a output selection terminal connected to the output selection terminal of the first controller and a three-state output terminal connected to the display driver via a serial communication  
15 line in parallel with the first controller,

wherein when the first controller controls the display driver, the first controller outputs a first control signal to the second controller, and the second controller puts the three-state output terminal thereof in a high impedance state when the first control  
20 signal is received, and

wherein when the first controller does not control the display driver, the first controller outputs a second control signal to the second controller and puts the three-state output terminal thereof in a high impedance state, and the second controller controls the  
25 display driver when the second control signal is received.

2. A multiple control system for controlling a display unit provided in a composite electronic apparatus having a plurality of electronic devices incorporated therein, the multiple control system comprising:

5 a display driver adapted to drive the display unit;

a first controller adapted to control one of the electronic devices and having a output selection terminal and a three-state output terminal connected to the display driver; and

a second controller adapted to control another electronic device  
10 and having a output selection terminal connected to the output selection terminal of the first controller and a three-state output terminal connected to the display driver in parallel with the first controller,

wherein when the first controller controls the display driver,  
15 the first controller outputs a first control signal to the second controller, and the second controller puts the three-state output terminal thereof in a high impedance state when the first control signal is received.

3. The multiple control system as claimed in claim 2, wherein when  
20 the first controller does not control the display driver, the first controller outputs a second control signal to the second controller and puts the three-state output terminal thereof in a high impedance state, and the second controller controls the display driver when the second control signal is received.

25 4. The multiple control system as claimed in claim 2, wherein the

display driver is connected to the first controller and the second controller via a serial communication line.

5. An electronic apparatus comprising:

a recording and reproducing functional part adapted to record  
5 and reproduce data stored in a tape storage medium;

a reproducing functional part adapted to reproduce data stored  
in a disc storage medium;

a housing containing the recording and reproducing functional  
part and the reproducing functional part;

10 a first microcomputer adapted to control the recording and  
reproducing functional part;

a second microcomputer adapted to control the reproducing  
functional part;

a display unit adapted to display a display data generated by  
15 the first microcomputer and the second microcomputer; and

a display driver adapted to drive the display unit,

wherein the first microcomputer is serially connected to the  
display driver with a three-state output terminal,

wherein the second microcomputer is serially connected to the  
20 display driver with a three-state output terminal,

wherein the first microcomputer and the second microcomputer  
are connected such that the second microcomputer receives a mode  
selection signal output from the first microcomputer,

wherein when the first microcomputer determines that the  
25 recording and reproducing functional part is selected, the first

microcomputer outputs the mode selection signal indicating that the recording and reproducing functional part is selected to the second microcomputer so as to put the three-state output terminal of the second microcomputer in a high impedance state, and outputs the display  
5 data to the display driver, and

wherein when the first microcomputer determines that the reproducing functional part is selected, the first microcomputer outputs the mode selection signal indicating that the reproducing functional part is selected to the second microcomputer so as to allow  
10 the second microcomputer to output the display data to the display driver, and puts the three-state terminal thereof in a high impedance state.

6. The electronic apparatus as claimed in claim 5, further comprising a remote control signal receiving part adapted to receive  
15 an infrared signal from a remote controller,

wherein the first microcomputer determines that which of the recording and reproducing functional part and the reproducing part is selected by a user based on the infrared signal received by the remote control signal receiving part.

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